

## ABSTRACT OF THE DISCLOSURE

In a resinous heat exchanger, a core portion includes a plurality of heat exchanging plate portions forming inside fluid passages therein and holding portions. The heat exchanging plate portions are layered with predetermined spaces between them so that outside fluid passages are formed between the adjacent heat exchanging plate portions. The heat exchanging plate portions are held by holding portions. The heat exchanging plate portions and the holding portions are integrally formed by extrusion of a resin material. Thus, the heat exchanger is light in weight and is capable of improving productivity.